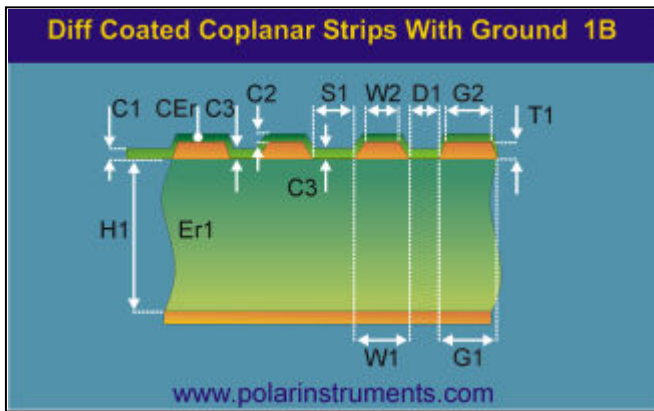


Polar Si8000 Controlled Impedance Quick Solver



				<u>Tolerance</u>	<u>Minimum</u>	<u>Maximum</u>
Substrate 1 Height	H1	9.4200	+/-	0.0000	9.4200	9.4200
Substrate 1 Dielectric	Er1	4.0200	+/-	0.0000	4.0200	4.0200
Lower Trace Width	W1	9.5000	+/-	0.0000	9.5000	9.5000
Upper Trace Width	W2	9.0000	+/-	0.0000	9.0000	9.0000
Trace Separation	S1	8.0000	+/-	0.0000	8.0000	8.0000
Lower Ground Strip Width	G1	100.0000	+/-	0.0000	100.0000	100.0000
Upper Ground Strip Width	G2	99.0000	+/-	0.0000	99.0000	99.0000
Ground Strip Separation	D1	8.0000	+/-	0.0000	8.0000	8.0000
Trace Thickness	T1	1.6000	+/-	0.0000	1.6000	1.6000
Coating Above Substrate	C1	0.8000	+/-	0.0000	0.8000	0.8000
Coating Above Trace	C2	0.4000	+/-	0.0000	0.4000	0.4000
Coating Between Traces	C3	0.8000	+/-	0.0000	0.8000	0.8000
Coating Dielectric	CEr	4.5000	+/-	0.0000	4.5000	4.5000
Differential Impedance	Zdiff	99.742	-----		99.742	99.742
Delay (Odd Mode) (ps/in)	D	140.201	-----		140.201	140.201
Odd Mode Impedance	Zodd	49.871	-----		49.871	49.871
Even Mode Impedance	Zeven	73.112	-----		73.112	73.112
Common Mode Impedance	Zcommon	36.556	-----		36.556	36.556
Effective Dielectric Constant	EEr	2.738	-----		2.738	2.738
Velocity of Propagation (CITS)	Vp	0.604	-----		0.604	0.604

Notes: (First 5 lines will print)

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